

LOCAL NOTICE TO MARINERS

MONTHLY EDITION

Issued by: Commander, Ninth Coast Guard District (oan), 1240 East Ninth Street, Cleveland, OH 44199-2060 Telephone: (216) 522-7268

All times shown in local time unless otherwise noted. Positions are in degrees, minutes, seconds, and tenths of seconds. Numbers within

brackets [/] refer to the LNM where information was first printed. Direct questions about this LNM to the above address.

USE OF THE LOCAL NOTICE TO MARINERS

The Monthly edition of the Local Notice to Mariners contains all information relevant to the waterways within the Ninth Coast Guard District.

This Monthly edition should be retained as a reference for subsequently issued Weekly Supplements.

**** Electronic Bulletin Board Service: (703)313-5910****

300 to 28.8 bps, 8 data bits, no parity, 1 stop bit

**** NIS watchstander, 24 hours a day at (703)313-5900 ****

****Internet Address ****

HTTP:2//www.navcen.uscg.mil or

FTP://ftp.navcen.uscg.mil

BROADCAST NOTICE TO MARINERS (BNM) are issued by Ninth District and all Group Offices for their areas of responsibility. Navigation

information having been of immediate concern to the Mariner, the following broadcasts have been incorporated into this LNM when still significant:

Ninth District	C001-97	through C017-97	Group Buffalo, NY	B001-97	through
	B009-97				
Group Detroit, MI	D001-97	through D022-97	Group Grand Haven, MI	G001-	
97	through G011-97.				
Group Milwaukee, WI	M001-97	through M009-97	Group Sault Ste Marie, MI	S001-	
97	through S031-97				

Light List Reference: Commandant Publication P16502.7, VOL VII, 1995 Edition / Coast Pilot Reference: U.S. Coast Pilot 6 Great Lakes 1995 Edition

REPORT DISCREPANCIES IN AIDS TO NAVIGATION TO THE NEAREST COAST GUARD UNIT

I. SPECIAL NOTICES

OPENING OF THE 1997 NAVIGATION SEASON - Seaway Notice No. 1

The opening of the 1997 navigation season is scheduled to take place on the dates and times listed below:

Montreal-Lake Ontario April 2, 1997 - 0800 hours (E.S.T.)

Welland Canal April 2, 1997 - 0800 hours (E.S.T.)

Vessel transits will be subject to weather and ice conditions. Navigation may be restricted to daylight hours in some areas until lighted navigation aids have

been installed. Mariners are advised that due to the high water levels existing on Lake Ontario, the International Joint Commission authorized the

implementation of criteria (K), on January 17, 1997. This criteria allows flows to be increased to levels which may affect navigation during the opening period.

A review of the ice conditions, water levels and flows will be carried out the first week of March. A notice confirming the opening date will be issued on March

10, 1997. The Seaway entities also announce that, for the 1997 navigation season, the clearance date for the Montreal-Lake Ontario Section has been

designated as December 20, 1997, 2400 hours. "The clearance date" is the date by which the vessel must report at the applicable calling-in point referred to

in subsection 97(3), part X, of the Seaway Handbook, for the final transit of the Montreal-Lake Ontario Section of the Seaway. [01/97]

OPENING OF THE 1997 NAVIGATION SEASON - Seaway Notice No. 2

The opening of the 1997 navigation season is scheduled to take place on the dates and times listed below:

Montreal-Lake Ontario April 2, 1997 - 0800 hours (E.S.T.)

Welland Canal April 2, 1997 - 0800 hours (E.S.T.)

Vessel transits will be subject to weather and ice conditions. Navigation may be restricted to daylight hours in some areas until lighted navigation aids have

been installed. Mariners are advised that due to the high water levels existing on Lake Ontario, the International Joint Commission authorized the

implementation of criteria (K), on January 17, 1997. This criteria allows flows to be increased to levels which may affect navigation during the opening period.

The Lake Ontario water level continues to be high and the flows will be above normal at the start of the navigation season. However, the flows will be

maintained within the range in which navigation has been allowed to continue in previous similar situations, Information on flows and water levels will be

provided in the Radio Messages at the start of the navigation season, as required, and these messages will be posted on the internet at <seaway.ca>, on the

same day. [01/97]

GREAT LAKES - Information

Any person seeing any illegal or suspicious activity on the water such as marine pollution, smuggling of contraband or drugs, unauthorized entry into the

United States by non-citizens, or illegal fishing activity are requested to call your local Coast Guard station or the Coast Guard Investigative Service at (216)

902-6136.

[01/97]

GREAT LAKES - Differential GPS

1. The U. S. Coast Guard is in the Initial Operational Capability (IOC) phase of the marine Differential GPS service. During IOC, the DGPS service is available

for positioning and navigation. However, users are always cautioned to use all available navigational tools to ensure proper evaluation of positioning solutions.

During this IOC phase, system, validation tests are being conducted, procurement and installation of the next generation of transmitters are being pursued, the

control station software is being upgraded, and other problems identified during the pre-operational and IOC phases are being resolved.

2. To facilitate the evaluation and development of the final DGPS service, reports of DGPS discrepancies are highly beneficial. To ensure timely and

complete information, users discrepancy reports are required in the following format:

DGPS USER DISCREPANCY REPORT

- A. DATE:
- B. REPORTING SOURCE:
- C. REPORTING SOURCE PHONE NUMBER (DAY/NIGHT):
- D. REPORTING SOURCE POSITION: _____ N/S
_____ W/E
- E. DATE/TIME OF EVENT:
- F. DURATION OF THE OCCURRENCE:
- G. REPORTING SOURCE ACTIVITY:
- H. ENVIRONMENTAL CONDITIONS (WX):
- I. BEARING AND RANGE TO ELECTRICAL STORM: _____ T/ _____ NM
- J. DGPS BROADCAST SITE IN USE:
- K. TYPE OF DGPS RECEIVER USED:
- L. PROBLEM DGPS RECEIVER INDICATED
- M. OTHER RECEIVER INDICATIONS:
- N. DGPS BEACON SIGNAL STRENGTH OBSERVED:
- O. DGPS BEACON SIGNAL TO NOISE RATIO OBSERVED:
- P. USER DGPS RECEIVER OPERATES CORRECTLY WITH OTHER DGPS SITE (S): Y/N
- Q. DOES RECEIVER FUNCTION PROPERLY IN GPS MODE OF OPERATION
- R. COMMENTS:

3. This information can be sent the following ways:

(1) Via mail to;

Commanding Officer/NIS

7323 Telegraph Rd.

Alexandria, VA 22315-3998

(2) Via message to;

COGARD NAVCEN ALEXANDRIA VA//NIS//

(3) Via fax to;

(703) 313-5920

(4) Via internet
e-mail to: NISWS@SMTP.NAVCEN.USCG.MIL

(5) or by calling the NIS watchstander at;
(703) 313-5900.

4. For the current status of DGPS broadcast sites or if you require additions information contact the NIS watchstander at (703) 313-5900. The NIS computer

bulletin board may be accessed at (703) 313-5910 (300-14400 BPS), communication parameters are 8 data bits, 1 stop bit and no parity. Internet

WWW.NAVCEN.USCG.MIL.

[01/97]

GREAT LAKES - Coast Pilot

Enclosure (1) contains change No. 7 to U. S. Coast Pilot 6.

[01/97]

GREAT LAKES - Coast Pilot

Enclosure (2) contains change No. 8 to U. S. Coast Pilot 6.

[01/97]

GREAT LAKES - Loran-C Operations

This is a proposal to authorize Loran Station Baudette (rate 8290-W/8970-Y) off-air time from 1500Z to 1700Z on April 22, 1997. The alternate time will be

from 1500Z to 1700Z on April 23, 1997. Objections will be considered until 1600Z April 16, 1997. Users shall address inquiries to Navigation Center

Operations at (703) 313-5875.

[01/97]

GREAT LAKES - Youngstown, NY - DGPS, Chart 14823

Off-air time is authorized for installation of DGPS field change 3 at Youngstown, NY for April 8-9, 1997.

[01/97]

GREAT LAKES - Detroit, MI - DGPS

, Chart 14854

Off-air time is authorized for installation of DGPS field change 3 at Detroit, MI for 24-25 March 1997.

[01/97]

GREAT LAKES - Saginaw Bay, MI - DGPS, Chart 14863

Off-air time is authorized for installation of DGPS field change 3 at Saginaw Bay, MI for 25-27 March 1997.

[01/97]

LAKE HURON - Cheboygan, MI - DGPS, Chart 14880

Off-air time is authorized for installation of DGPS field change 3 at Cheboygan, MI for 27-29 March 1997.

[01/97]

ST. MARYS - St. Marys Lock - Lock Opening, Chart 14884

The St. Marys Falls Canal, Michigan, will be opened to navigation for the 1997 season commencing March 25, 1997 at 0001 hours. The Poe Lock will be

operational on a twenty-four (24) hours per day, seven (7) days per week basis. The MacArthur Lock will be placed in operation as traffic density demands.

Reference CFR, Title 33 Part 207.440(u). All inquiries should be addressed to CENCE-CO-OR and should refer to Notice to Navigation Interests

No. L97-01. [01/97]

LAKE SUPERIOR - Whitefish Bay, MI

- Hazards, Chart 14962

Commercial fishing nets have been reported at the following positions in Whitefish Bay: A) 46-34.30N 084-47.60W B) 46-33.67N 084-47.20W

C) 46-33.10N 084-46.95W. All mariners are requested to keep a sharp lookout, use extreme caution, and stay clear of the area when transiting.

[01/97]

II. DISCREPANCIES IN AIDS TO NAVIGATION as of 1000, 18 MARCH, 1997

This section lists the summary of current discrepancies. The following abbreviations are used to describe aid names and discrepancy status:

B	Buoy	BKW	Breakwater	CH	Channel
DBN	Daybeacon	ENT	Entrance	EXT	Extinguished
FS	Fog Signal	HBR	Harbor	IMCH	Improper Characteristic
INOP	Inoperative	JCT	Junction	LB	Lighted Buoy
LT	Light	LWP	Left Watching Properly	OFF STA	Off Station
(P)	Private Aid	PHD	Pierhead	RAC	Racon
RR	Range Rear				

A. RECENT DISCREPANCIES Charts BNM LNM

LLNR	Name of aid	Status	Affected	Ref.	Ref.		
02160.00	PORT BAY LIGHT 4 (P)			MISSING	14804	B115-96	01/97
02735.00	BUFFALO RIVER JCT LB BR			OFF STA	14833		01/97
03145.00	TONAWANDA CH B 22	MISSING		14832		01/97	
03150.00	TONAWANDA CH LB 26		LT IMCH	14832	B008-97		01/97
03835.00	FAIRPORT HBR E BKW EE LT LT		EXT	14837		01/97	
06001.00	WARD CANAL WEST JETTY LIGHT 2 (P)		LT EXT	14846	D016-97		01/97
07750.00	MAMAJUDA LT LT IMCH/LT EXT			14848	D020-97		01/97
10570.00	SAGINAW BAY CH LT 1		LT EXT	14867	D012-97		01/97
11495.00	THUNDER BAY IS LT		LT EXT/FS INOP	14864	S219-96		01/97
11515.00	MIDDLE IS LT		LT EXT	14864	S227-96		01/97
11780.00	CHEBOYGAN RIVER ENT LB 02			OFF STA	14881	S020-97	01/97
11795.00	CHEBOYGAN RIVER RR LT		LT IMCH	14881		01/97	
12205.00	MARTINS REEF LT		FS INOP	14881	S235-96		01/97
12535.00	BOIS BLANC LT		LT EXT	14881	S026-97		01/97
13210.00	MUNUSCONG CH LB 27		LT EXT	14883	S013-97		01/97
17750.00	WHITE SHOAL LT		FS INOP/RAC INOP	14911	S219-96		01/97
17775.00	GRAYS REEF LT		FS INOP	14911	S001-97		01/97
18110.00	GRAND TRAVERSE LT		LT IMCH	14913	S027-97		01/97
18375.00	FRANKFORT N BKW LT		FS IMCH	14939	G006-97		01/97

18385.00	FRANKFORT S BKW LT	LT DIM 14939	G005-97	01/97
18450.00	MANISTEE N PHD LT	LT EXT 14938	G008-97	01/97
18815.00	BANK PT LT	LT EXT 14934	G125-96	01/97
19555.00	MICHIGAN CITY BKW LT	LT EXT 14905	G124-96	01/97
21310.00	PLUM IS RR LT	DBN DEST 14909	M220-96	01/97

B. DISCREPANCIES CORRECTED Charts BNM LNM

LLNR Name of aid Status Affected Ref. Ref.

None.

III. TEMPORARY CHANGES IN AIDS TO NAVIGATION as of 1000, 18 MARCH, 1997 None.

IV. CHART CORRECTIONS since 40/96

Corrective action affecting charts is contained in this section. Chart corrections are listed numerically by chart number. The correction listed pertains to that

chart only. It is up to the mariner to decide what charts are to be corrected. The following example explains the individual elements of a typical correction.

Chart number to Mariners	Chart edition	Edition date	Last Local Notice to Mariners	Reference datum	Source Agency of correction
14922	17 th ed.	4/25/92	Last LNM 12/93	NAD 83 (CGD9)	17/93
MANITOWOC AND SHEBOYGAN HARBORS					
Change Manitowoc South Breakwater Light to "3" Fl G 2.5s, 37ft 8 StM					
44 05 29.0N		87 38 37.0W			
	Corrective action		Object of corrective action		Position

The letter (M) immediately following the chart number indicates that the correction should be applied to the metric side of the chart only.

(Temp) indicates that the chart correction action is temporary in nature. Courses and bearings are given in degrees clockwise from 000 true.

Bearings of light sectors are toward the light from lakeward. Nominal range of lights is expressed in statute miles (St M).

14804	23 rd ed.	5/15/93	Last LNM 17/96	NAD 83 (CGD9)	01/97
PORT BAY TO LONG POND (LORAN C)					
Insets: Port Bay Harbor					
Irondequoit Bay					
Change		Depth legend to: 3 ½ FEET	1996		43 14
19.0N	77 31 58.0W				
Add		Depth: 2 feet:		43 14 14.0N	77 32 01.5W
14805	23 rd ed.	3/4/95	Last LNM 30/95	NAD 83 (CGD9)	01/97
LONG POND TO THIRTYMILE POINT (LORAN C)					
Add		Black dashed line joining and label: PWI			
43 22 35.0N		78 23 19.0W			
				43 22 51.0N	78 23 20.0W
		Crib and label: Depth over crib 18 ft:			43 22
51.0N	78 23 20.0W				
14806	23 rd ed.	8/15/92	Last LNM 25/96	NAD 83 (CGD9)	01/97
THIRTYMILE POINT TO PORT DALHOUSIE, ONT. (LORAN C)					
Relocate		Wilson Harbor Buoy "4", R, N (43 19 00.5N, 78 50 10.1W):			
	43 19 00.2N	78 50 10.1W			

Wilson Harbor Buoy "5", G, C (43 19 00.0N, 78 50 09.3W):
 43 19 00.0N 78 50 08.7W
 14813 19th ed. 11/24/90 Last LNM 19/96 NAD 83 (CGD9) 01/97
 OSWEGO HARBOR
 Delete Purple lines (sub cable) joining: 43 28 23.0N
 76 31 00.0W
 and 43 27 47.2N 76 30 57.5W
 14814 23rd ed. 8/28/93 Last LNM 17/96 NAD 83 (CGD9) 01/97
 SODUS BAY
 Delete Purple lines (sub cable) joining: 43 16 38.2N
 76 58 25.0W
 and 43 16 12.3N 76 58 24.2W
 14815 22nd ed. 8/4/90 Last LNM 21/95 NAD 83 (CGD9) 01/97
 ROCHESTER HARBOR, Including Genesee River to Head of Navigation
 Delete Purple lines (sub cable) joining: 41 15 26.1N
 77 36 08.2W
 and 41 15 44.3N 77 35 53.0W
 14820 14th ed. 10/5/96 NAD 83 NEW EDITION (NOS Silver
 Spring, MD) 01/97
 LAKE ERIE (LORAN C) 14XCO14820
 1:400,000/\$15.30
 (New edition due to various general changes.)
 Delete Avon Lake Obstruction Buoy, W Or, Priv at:
 41 30 42.0N 81 59 10.0W
 (Previously published LNM 38/96)
 R Bn at light 42 52 12.0N 78 54 06.0W
 Add Purple circle at light 41 49 42.0N 82 27
 48.0W
 Change Light to Fl(4) 32s 30m 22NM Racon (--) and add purple circle at:
 42 32 54.0N 80 03 00.0W
 14823M 5th ed. 4/2/94 Last LNM 24/96 NAD 83 (Can LL) 01/97

BUFFALO TO ERIE (LORAN C)

Add Depth 4.9 meters Obstr: 42 41 24.0N
 80 18 17.0W
 Position circle "R Tr (R Lts) (116m)": 42 43
 38.0N 80 17 28.0W
 14826 25th ed. 8/7/93 Last LNM 33/96 NAD 83 (NOS-BP 159803) 01/97
 MOSS POINT TO VERMILION (LORAN C)
 Insets: Beaver Creek, Ohio
 Vermilion Harbor, Ohio
 Rocky River, Ohio
 Change Depth legends to
 8.5 feet JUL-AUG 1996 41 29 00.0N
 81 49 52.0W
 8 feet JUL-AUG 1996 41 29 14.5N
 81 50 00.0W
 4 feet JUL-AUG 1996 41 29 23.2N
 81 50.13.9W
 2.5 feet JUL-AUG 1996 41 29 25.8N
 81 50 15.2W
 Add Depth 5 feet 41 29 23.0N 81 50 11.0W
 14829 4th ed. 6/25/94 Last LNM 40/96 NAD 83 (NOS-BP 159803) 01/97
 GENEVA TO LORAIN (LORAN C)

	Delete	Buoys (2) in vicinity		41 56 54.0N	81 39
30.0W					
	Change	Depth note B to:			
Rocky River Channel		controlling depths			
		A. Entrance Channel	2.6 meters		
		B. River Channel	1.7 meters		
		C. Anchorage Basin	2.4 meters		
		D. River Channel	1.6 meters		
		E. River Channel	1.2 meters		
		F. Upper Turning Basin	0.7 meters		
		JUL - AUG 1996		41 29 00.0N	81 50
40.0W					
14830	25 th ed.	12/7/96	NAD 83	NEW EDITION	(NOS Silver
Spring, MD)	01/97				
	LAKE ERIE (LORAN C)			14XCO14830	
	1:100,000/\$15.30				
	Insets: Port Clinton				
	Monroe Harbor				
	(New edition due to various general changes.)				
(Inset)	Change	Buoy "2" to R, FI R 2.5s at:		41 52 34.0N	
83 16 50.0W					
		Buoy "6" to R, FI R 4s at:		41 53 14.0N	
83 19 05.0W					
14830M	10 th ed.	12/7/96	NAD 83	NEW EDITION	(NOS
Silver Spring, MD)	01/97				
	LORAIN TO DETROIT RIVER (LORAN C)				
	14XCO14830 1:100,000/\$15.30				
	Inset: Vermilion				
	(New edition due to various general changes.)				
14832	32 nd ed.	1/7/95	Last LNM 26/96 NAD 83 (CGD9) 01/97		
	UPPER NIAGARA RIVER				
	Delete	Purple lines (sub cable) joining:		42 50 09.8N	
78 52 26.9W					
	and		42 50 02.0N	78 52 03.0W	
	joining		42 50 02.0N	78 52 03.0W	
	and		42 49 56.5N	78 51 57.0W	
14833	24 th ed.	3/13/93	Last LNM 39/96 NAD 83 (CGD9) 01/97		
	BUFFALO HARBOR				
	Delete	Purple lines (sub cable) in vicinity:		42 53	
15.1N 78 53 28.0W					
		Purple lines (sub cable) joining		42 50 09.8N	
78 52 26.9W					
	and		42 50 02.0N	78 52 03.0W	
	joining		42 50 02.0N	78 52 03.0W	
	and		42 50 07.5N	78 52 02.5W	
	joining		42 50 02.0N	78 52 03.0W	
	and		42 49 49.2N	78 51 50.0W	
14842	9 th ed.	3/21/92	Last LNM 34/96 NAD 83 (NOS) 01/97		
	(SC) SOUTH SHORE OF LAKE ERIE FROM PORT CLINTON TO SANDUSKY				
P.1 Add	Tabulation of controlling depths from enclosure (3)				
14843	22 nd ed.	6/6/92	Last LNM 31/95 NAD 83 (NOS BP 160218-220 01/97		
	HURON HARBOR		CL-116/97)		

	Add	Tabulation of controlling depths from enclosure (3)		
14844	30 th ed.	9/02/95	Last LNM 24/96 NAD 83 (NOS)	01/97
	ISLANDS IN LAKE ERIE, Including Sandusky Bay			
	Inset: Put-In-Bay			
	Add	Tabulation of controlling depths from enclosure (3)		
14845	26 th ed.	01/18/97	NAD 83	NEW EDITION (NOS)
Silver Spring, MD)		01/97		
	SANDUSKY HARBOR			14XHA14845
	1:10,000/\$15.30			
(New edition due to changes in hydrography, shoreline and various general changes.)				
14846	8 th ed.	6/1/91	Last LNM 32/96 NAD 83 (CGD9)	01/97
	(SC) PTE. MOUILLEE TO TOLEDO TO PORT CLINTON			
P.35	Delete	Purple lines (sub cable) joining:		41 31 08.7N
	82 56 09.9W			
		and	41 31 08.4N	82 56 07.2W
14847	29 th ed.	12/7/96	NAD 83	NEW EDITION (NOS Silver
Spring, MD)	01/97			
	LAKE ERIE (LORAN C)			14XHA14847
	1:20,000/\$15.30			
(New edition due to various general changes.)				
14848	54 th ed.	10/12/96	NAD 83	NEW EDITION
(NOS Silver Spring, MD)		01/97		
	MI - DETROIT RIVER			14XHA14848
	1:30,000/\$15.30			
(New edition due to various general changes.)				
	Delete	Horn from Ballards Reef Channel Light "D77" at:		42 08 27.0N 83 07 28.5W
(Previously published in LNM 35/96)				
14850	49 th ed.	9/7/96	Last LNM 32/96 NAD 83 (11(698)96 Ottawa)	01/97
	LAKE ST. CLAIR (LORAN C)			
	Substitute	Depth 15 feet for depth 20 feet		42 38
18.0N	82 30 18.0W			
	Delete	Buoys (3) in vicinity:		42 42 09.0N 82 29
55.0W				
14852	42 nd ed.	12/7/96	NAD 83	NEW EDITION (NOS)
Silver Spring, MD)	01/97			
	ST. CLAIR RIVER			14XHA14852
	1:40,000/\$15.30			
(New edition due to various general changes.)				
	Delete	Legend "Shl rep 1995"		42 38 00.0N 82 30
18.0W				
	Substitute	Depth 15 feet for depth 20 feet		42 38
18.0N	82 30 18.0W			
14853	10 th ed.	1/25/92	Last LNM 39/96 NAD 83 (CGD9)	01/97
	(SC) DETROIT RIVER, LAKE ST. CLAIR AND ST. CLAIR RIVER			
P.42	Delete	Legend: "shl rep 1995 PA" at:		42 38 15.0N
	82 30 13.0W			
		(supersedes 1/96)		
		Depth 20 feet	42 38 16.0N	82 30 14.0W
	Add	Depth 15 feet	42 38 14.7N	82 30 12.8W
			42 38 16.1N	82 30 15.1W

P.43 Change buoy "2", R C, to R N at: 42 38 17.8N 82 30 17.0W
 82 30 01.0W 42 42 07.0N
 buoy "4", R C, to R N at: 42 42 08.0N
 82 30 02.0W
 P.46 Delete Depth 1.5 feet Rk (PA) and danger circle: 42 50
 19.0N 82 28 05.0W
 Add Rock awash 42 50 11.0N 82 28 04.1W
 P.47 Purple dashed line between 42 51 56.0N 82 28 29.0W
 and 42 51 52.0N 82 27 44.0W
 Between 42 51 46.0N 82 28 26.0W
 and 42 51 42.5N 82 27 45.0W
 Legend "Cable Area" 42 51 50.0N 82 28
 17.0W
 14854 12th ed. 10/05/96 NAD 83 NEW EDITION (NOS
 Silver Spring, MD) 01/97
 MI - TRENTON CHANNEL AND RIVER ROUGE 14XHA14854
 1:15,000/\$15.30
 INSET: RIVER ROUGE - DETROIT RIVER TO FORD MOTOR COMPANY
 1:10,000
 (New edition due to various general changes.)
 Relocate Ecorse Channel Lighted Buoy "7", G, Fl G 4s (42 14 34.9N, 83 08 08.2)at: 42 14
 33.9N 83 08 07.3W
 (Previously published in LNM 30/96)
 14860 33rd ed. 9/21/96 Last LNM 36/96 NAD 83 (CGD9) 01/97
 LAKE HURON (LORAN C)
 Delete Mackinac Bridge Racon (--) at: 45 48 54.0N
 84 43 41.0W
 14863 28th ed. 3/4/95 Last LNM 22/96 NAD 83 (CGD9) 01/97
 SAGINAW BAY (LORAN C)
 Delete Purple lines (sub cable) joining: 44 24 21.4N
 83 19 11.2W
 and 44 24 22.4N 83 19.00.0W
 14865 15th ed. 9/14/96 NAD 83 NEW EDITION (NOS Silver
 Spring, MD) 01/97
 MI - SOUTH END OF LAKE HURON
 14XHA14865 1:15,000/\$15.30
 (New edition due to changes in hydrography and various general changes.)
 14873 1st ed. 8/11/84 Last LNM 1/97 (11(700)96 Ottawa) 01/97
 PORT SEVERN TO/A HOPE ISLAND (CAN. 2239)
 Add Depths
 6 feet 44 53 40.4N 79 55 33.2W
 3 feet 44 54 09.4N 79 56 04.6W
 6 feet 44 56 17.5N 79 56 53.6W
 14880 29th ed. 12/4/93 Last LNM 16/96 NAD 83 (CGD9) 01/97
 STRAITS OF MACKINAC (LORAN C)
 Delete Mackinac Bridge Racon (--) at: 45 48 54.0N
 84 43 41.0W
 14881 29th ed. 9/02/95 Last LNM 36/96 NAD 83 (CGD9) 01/97
 DETOUR PASSAGE TO WAUGOSHANCE POINT (LORAN C)
 Insets: Cheboygan Harbor
 St. Ignace
 Mackinac Island

Mackinaw City
 Hammond Bay Harbor
 Delete Purple lines (sub cable) joining: 45 59 25.0N
 83 53 54.0W
 and 45 59 14.0N 83 53 45.0W
 Mackinac Bridge Racon (--) at: 45 48 54.0N
 84 43 41.0W
 14882 32nd ed. 5/27/95 Last LNM 16/96 NAD 83 (CGD9) 01/97
 ST MARYS RIVER-DETOUR PASSAGE TO MUNUSCONG LAKE
 Inset: De Tour Passage - MI
 Delete Purple lines (sub cable) joining: 45 59 22.2N
 83 53 55.0W
 and 45 59 10.0N 83 53 41.0W
 14883 40th ed. 6/10/95 Last LNM 34/96 NAD 83 (CGD9) 01/97
 ST MARYS RIVER-MUNUSCONG LAKE TO SAULT STE MARIE
 Relocate West Neebish Channel Lighted Buoy "12" R, FI R 4s (46 12
 51.1N, 84 09 27.9) 46 12 54.9N 84 09 30.5W
 Delete Purple lines (sub cable) joining: 46 17 06.0N
 84 12 58.0W
 and 46 17 11.0N 84 12 51.0W
 and 46 16 53.0N 84 12 33.0W
 Change Six Mile Point Range Rear Light to Iso 6s 65ft at:
 46 26 03.0N 84 15 43.0W
 14884 36th ed. 12/18/93 Last LNM 34/96 NAD 83 (CGD9) 01/97
 ST MARYS RIVER-HEAD OF LAKE NICOLET TO WHITEFISH BAY
 Insets: Sault Ste. Marie - MI
 Change Six Mile Point Range Rear Light to Iso 6s 65ft at:
 46 26 03.0N 84 15 43.0W
 14901 11th ed. 5/27/95 Last LNM 24/96 NAD 83 (CGD9) 01/97
 LAKE MICHIGAN (LORAN C)
 Delete Mackinac Bridge Racon (--) at: 45 48 54.0N
 84 43 41.0W
 14902 27th ed. 11/02/96 NAD 83 NEW EDITION (NOS
 Silver Spring, MD) 01/97
 NORTH END OF LAKE MICHIGAN, Including Green Bay
 14XCO14902 1:240,000/\$15.30
 (New edition due to changes in shoreline and various general changes.)
 Delete Mackinac Bridge Racon (--) at: 45 48 54.0N
 84 43 41.0W
 14904 23rd ed. 6/10/95 Last LNM 32/96 NAD 83 (CGD9) 01/97
 PORT WASHINGTON TO WAUKEGAN (LORAN C)
 Delete Purple lines (sub cable) joining: 43 23 25.9N
 87 51 55.2W
 and 43 23 07.7N 87 51 35.3W
 14905 28th ed. 1/7/95 Last LNM 40/96 NAD 83 (CGD9) 01/97
 WAUKEGAN TO SOUTH HAVEN (LORAN C)
 Insets: Michigan City, IN
 Burns International Harbor, IN
 New Buffalo, MI
 Delete Purple lines (sub cable) joining: 41 44 27.0N
 87 31 44.0W
 and 41 43 34.0N 87 29 35.0W
 14910 20th ed. 12/5/92 Last LNM 23/96 NAD 83 (CGD9) 01/97
 LOWER GREEN BAY (LORAN C)

4s, 45ft	Add	Green Bay Harbor Entrance Channel Range Front Passing Light, FI Y	
		to Green Bay Harbor Entrance Channel Range Front Light at:	
	44 35 22.7N	87 57 31.0W	
		Green Bay Harbor Entrance Channel Range Rear Passing Light, FI Y 4s,	
91ft		to Green Bay Harbor Entrance Channel Range Rear Light at:	
	44 34 37.2N	87 58 10.0W	
14918	25 th ed.	5/27/95	Last LNM 40/96 NAD 83 (CGD9) 01/97
	HEAD OF GREEN BAY, Including Fox River below De Pere		
	Inset: Green Bay		
4s, 45ft	Add	Green Bay Harbor Entrance Channel Range Front Passing Light, FI Y	
		to Green Bay Harbor Entrance Channel Range Front Light at:	
	44 35 22.7N	87 57 31.0W	
		Green Bay Harbor Entrance Channel Range Rear Passing Light, FI Y 4s,	
91ft		to Green Bay Harbor Entrance Channel Range Rear Light at:	
	44 34 37.2N	87 58 10.0W	
14919	26 th ed.	12/23/89	Last LNM 40/96 NAD 02 (CGD9) 01/97
	STURGEON BAY AND CANAL		
	Relocate	Sturgeon Bay Ship Canal Buoy "23", G, C (44 50 47.0N, 87 23 34.7W):	
		44 50 47.2N	87 23 35.2W
		(Supersedes 40/96)	
14926	6 th ed.	10/26/96	NAD 83 NEW EDITION (NOS
Silver Spring, MD)		01/97	
	(SC) CHICAGO AND SOUTH SHORE OF LAKE MICHIGAN		
	various/\$15.30		
	(New edition due to changes in horizontal datum and various general changes.)		
P.12&29	Delete	Purple lines (sub cable) joining:	41 44
26.5N	87 31 48.5W		
		and	41 43 33.8N 87 29 37.0W
P.25		Purple lines (sub cable) joining:	41 44 26.2N
	87 31 47.8W		
		and	41 44 28.1N 87 31 28.9W
P.13,29		Indiana Harbor Buoy "1", G, C at:	41 41
11.5N	87 26 37.0W		
	& 30.		
P.10,29		Morgan Shoal Buoy "2", R, N at:	41 48 31.8N
	87 34 41.5W		
P.29		Chicago Harbor Entrance Buoy "1", G, C at:	
	41 53 16.0N	87 34 20.0W	
		Chicago Harbor Entrance Buoy "2", R, N at:	
	41 53 23.0N	87 34 20.0W	
P.12&25	Change	Calumet Pierhead Light to Iso R 6s, 31ft, 5 St M at:	
	41 44 01.6N	87 31 44.2W	
14927	23 rd ed.	4/1/95	Last LNM 40/96 NAD 83 (CGD9) 01/97
	CHICAGO LAKE FRONT (LORAN C)		
	Inset: Gary Harbor, IN		
	Delete	Purple lines (sub cable) joining:	41 44 27.0N
	87 31 44.0W		
		and	41 43 34.0N 87 29 35.0W
14929	21 st ed.	01/25/97	NAD 83 NEW EDITION (NOS
Silver Spring, MD)		01/97	

CALUMET AND INDIANA HARBORS

14XHA14929

1:15,000/\$15.30

(New edition due to various general changes.)

14962 19th ed. 02/01/97 NAD 83 NEW EDITION (NOS
Silver Spring, MD) 01/97

ST. MARYS RIVER TO AU SABLE POINT (LORAN C)

14XCO14962 1:120,000/\$15.30

(New edition due to changes in hydrography, shoreline, and various general changes.)

14964 20th ed. 3/11/95 Last LNM 01/97 NAD 83 (CGD9) 01/97

BIG BAY POINT TO REDRIDGE (LORAN C)

Insets: Eagle Harbor

Grand Traverse Bay

Copper Harbor

Lac La Belle Harbor

Add Black dashed line joining 47 28 03.0N
87 52 31.7W

and label: sewer

47 28 06.7N 87 52

31.7W

14972 25th ed. 11/16/96 NAD 83 NEW EDITION (NOS
Silver Spring, MD) 01/97

LAKE ERIE (LORAN C)

14XHA14972

1:30,000/\$15.30

(New edition due to various general changes.)

Add Light disc (magenta) to Keweenaw Lighted Buoy 4, R, FI R 4s

46 58 56.9N 88 26 03.2W

Delete Black dashed line and legend: OVHD PWR CAB AUTH CL 130 FT at

47 13 27.1N 88 37 30.0W

V. ADVANCE NOTICE OF CHANGES TO AIDS TO NAVIGATION

GENERAL - GREAT LAKES

Disestablish the following fog signals:

Sodus Outer Light (LLNR 2170)

Erie Harbor Pierhead Light (LLNR 3495)

Rochester Harbor Light (LLNR 2320)

Ashtabula Harbor Entrance Light 2 (LLNR 3760) [09/96]

LAKE ERIE - NY - Buffalo Harbor - Chart 14833

Change the characteristic of Buffalo Harbor Light (LLNR 2680) from a FI W 10s to a AL WG 10s.

Solarize the aid and reduce the nominal range from

27SM to 22/18.5SM. [09/96]

LAKE ERIE - OH - Fairport Harbor - Chart 14825

Reduce the nominal range of Fairport Harbor West Breakwater Light (LLNR 3870) from 13SM to 11.5 SM and solarize. [09/96]

LAKE ERIE - OH - Cleveland Harbor - Chart 14839

Change the nominal range of Cleveland Harbor Main Entrance Light (LLNR 4160) from 23 SM to 16 SM for the white light and 19 SM to 14 SM for the

red light. Currently, the main light is inoperable with the backup-light showing reduced intensities of 16 SM for the white light and 14 SM for the red light.

[32/95]

LAKE ERIE - OH - Lorain Harbor - Chart 14841

Temporarily change the characteristics of Lorain Harbor Light 2 (LLNR 4335) to Iso R 6s and change the nominal range from 9 St M to 6 St M. [30/95]

LAKE ERIE - OH - Maumee Bay Harbor Chart 14847

Change the decommissioning date of Maumee Bay Traffic Lighted Buoy (LL 6040) to 14 Dec and rename as Maumee Bay Safe Water Lighted Buoy.

Disestablish the wintermark for Maumee Bay Lighted Buoy 1 (LL 6045). Maintain aid from 14 Apr to 14 Dec.

Change the authorized hull for Maumee Bay Buoy 3 (LL 6055) from a 3CR to a 3CI and maintain annually.

Change the authorized hull for Maumee Bay Buoy 4 (LL 6060) from a 2NR to a 3NI, and maintain aid annually.

Disestablish the wintermark for Maumee Bay Lighted Buoy 6 (LL 6070). Maintain aid from 14 Apr to 14 Dec.

Change the authorized hull for Maumee Bay Buoy 7 (LL 6075) from a 2CR to a 3CI maintained annually.

Change the authorized hull for Maumee Bay Buoy 8 (LL 6080) from a 2NR to a 3NI maintained annually.

Maintain Maumee Bay Lighted Buoys 9 and 10 (LL 6085 and 6090) from 14 Apr to 14 Dec.

Change the authorized hull for Maumee Bay Buoy 11 (LL 6095) from a 2CR to a 3CI maintained annually.

Change the authorized hull for Maumee Bay Buoy 12 (LL 6100) from a 2NR to a 3NI maintained annually.

Disestablish the wintermark for Maumee Bay Lighted Buoy 25 (LL 6170). Maintain aid from 14 Apr to 14 Dec.

Disestablish the wintermark for Maumee Bay Lighted Buoy 30 (LL 6195). Maintain aid from 14 Apr to 14 Dec.

Maintain Maumee Bay Lighted Buoy 33 (LL 6210) from 14 Apr to 14 Dec.

Disestablish the wintermark for Maumee Bay Lighted Buoy 34 (LL 6215). Maintain aid from 14 Apr to 14 Dec.

Maintain Maumee Bay Lighted Buoy 37 (LL 6230) from 14 Apr to 14 Dec.

Change the wintermark for Maumee Bay Lighted Buoy 38 (LL 6235) from a 7x20 Lighted Ice Buoy to a 3NI, maintained from 14 Dec to 14 Apr. [39/95]

LAKE ST. CLAIR - MI - Lake St. Clair - Chart 14850, 14853

Change the characteristic of Lake St. Clair Lighted Buoy 24 (LLNR 8530) from FI R 4s to FI R 2.5s

Change Lake St. Clair Buoy 25 (LLNR 8545) to Lighted Buoy 25 with a FI G 4s characteristic. Change

Lake St. Clair Buoy 26 (LLNR 8550) to Lighted Buoy 26 with a FI R 4s characteristic. Change the characteristic of Lake St. Clair Lighted Buoy 29 (LLNR 8565) from FI G 4s to FI G 2.5s Change the color of Lake St. Clair Flats Canal Range Lights (LLNR 8535 and 8540) from green to red.

[01/97]

SAGINAW BAY - MI -Saginaw River - Chart 14863

In addition to the changes below, the Light List Numbers of the aids to navigation in Saginaw River will be changed.

Disestablish Saginaw River Buoy "35" (LLNR 10920).

Disestablish Saginaw River Buoy "59" (LLNR 11025).

Disestablish Saginaw River Buoy "60" (LLNR 11030).

Establish Essexville Turning Basin Buoy (LLNR 10817) at 43° 36' 50.0"N, 83° 51' 13.8"W.

Establish Saginaw River Buoy "33" (LLNR 10862) at 43° 33' 41.1"N, 83° 54' 16.5"W.

Establish Saginaw River Buoy "84" (LLNR 11081) at 43° 27' 30.8"N, 83° 54' 58.0"W.

Change Saginaw River Buoy "4" (LLNR 10775) to a lighted buoy with flashing characteristics of flashing red 4 seconds (FI R 4s) and rename as Saginaw

River Lighted Buoy "4" (LLNR 10775).

Saginaw River Lighted Buoy "19" (LLNR 10835) establish a can buoy wintermark from December 07 to April 21.

Change Saginaw River Buoy "22" (LLNR 10850) to a lighted buoy with flashing characteristics of flashing red 4 seconds (FI R 4s) and rename as Saginaw

River Lighted Buoy "28" (LLNR 10850). Establish a nun buoy wintermark from December 07 to April 21.

Change Saginaw River Buoy "25" (LLNR 10865) to a lighted buoy with flashing characteristics of flashing green 4 seconds (FI G 4s) and rename as Saginaw

River Lighted Buoy "35" (LLNR 10865). Establish a can buoy wintermark from December 07 to April 21.

Change Saginaw River Buoy "31" (LLNR 10900) to a lighted buoy with flashing characteristics of flashing green 4 seconds (FI G 4s) and rename as Saginaw

River Lighted Buoy "43" (LLNR 10900). Establish a nun buoy wintermark from December 07 to April 21.

Relocate Saginaw River Lighted Buoy "33" (LLNR 10910) to 43° 32' 27.3"N, 83° 54' 55.3"W. Relocate Saginaw River Lighted Buoy "45" (LLNR 10960) to 43° 31' 48.0"N, 83° 52' 58.5"W. [32/96] SAGINAW BAY - MI -Saginaw River - Chart 14863 Relocate Saginaw River Lighted Buoy "47" (LLNR 10970) to 43° 31' 28.0"N, 83° 53' 06.0"W. Relocate Saginaw River Lighted Buoy "55" (LLNR 11005) to 43° 30' 39.9"N, 83° 53' 07.0"W.

Relocate Saginaw River Lighted Buoy "56" (LLNR 11010) to 43° 30' 40.2"N, 83° 53' 09.9"W.

Relocate Saginaw River Lighted Buoy "61" (LLNR 11035) to 43° 30' 06.8"N, 83° 53' 39.6"W.

Relocate Saginaw River Lighted Buoy "62" (LLNR 11040) to 43° 30' 07.5"N, 83° 53' 42.0"W.

Relocate Saginaw River Lighted Buoy "68" (LLNR 11065) to 43° 28' 32.2"N, 83° 54' 44.1"W. [32/95]

LAKE SUPERIOR - MN - Duluth Harbor - Chart 14975

Change the tone/pitch of the Duluth Harbor South Breakwater Outer Light (LLNR 15845) fog signal at 0800 and 2200 daily. The characteristic and range

of the fog signal will not change. [21/96]

LAKE SUPERIOR - MN - Duluth Harbor - Chart 14975

Change the characteristics of Duluth Harbor North Pier Light (LLNR 15855), from Iso W 6s to Iso R 6s and reduce the nominal range from 16 StM to

10 StM. [09/96]

LAKE MICHIGAN - MI - Frankfort - Chart 14907

Change the characteristic of Frankfort North Breakwater Light (LLNR 18375) from FW to FI G 4s and solarize.

Reduce the nominal range from 18SM to 10SM.

[09/96]

LAKE MICHIGAN - MI - Ludington Harbor - Chart 14937

Change the characteristic of Ludington North Pierhead Light (LLNR 18540) from FG to FI G 4s. Solarize the aid and reduce the nominal range from 10SM

to 6SM. [09/96]

Disestablish the flood lights on Ludington North Breakwater Light (LLNR 18530). [18/96] LAKE MICHIGAN - MI - St. Joseph Harbor - Chart 14930 Disestablish the fog signal on St. Joseph North Pierhead Light (LLNR19515). [26/96] LAKE MICHIGAN - IL - Chicago Harbor - Chart 14927 Reduce the nominal range of Chicago Harbor Light (LLNR 19960) from 24 SM to 19 SM and solarize.

[09/96]

LAKE MICHIGAN - WI - Manitowoc - Chart 14922

Change the characteristics of Manitowoc Breakwater Light (LLNR 20860) from Iso W 6s to Fl W 10s and solarize.

Reduce the nominal range from 17SM to 5SM. 09/96]

LAKE MICHIGAN - WI - Upper Green Bay - Chart 14909

Relocate Detroit Island Passage B 2 (LLNR 21340) to position 45-19.45N, 086-56.78W to better mark the shoal.

Relocate Plum Island LB 1 (LLNR 21345) to position 45-19.01N, 086-56.39W to better mark the shoal.

Disestablish Rock Island South Shoal B 2 (LLNR 21423).

Disestablish Rock Island Passage Lighted Gong Buoy "RI" (LLNR 21430).

Replace St. Martin Island Shoals B 2 (LLNR 21435) with a Lighted Gong Buoy, and rename as St. Martin Island Shoals Lighted Buoy 2.

Replace Strawberry Island B 1 (LLNR 21835) with a Lighted Preferred Channel Buoy having a red/green color scheme and a Fl (2+1) R 6s characteristic.

Rename aid as Strawberry Island Preferred Channel Mark "S".

Disestablish Strawberry Mid-Channel LB (LLNR 21840).

Rename Hanover Shoal B 8 (LLNR 21845) as Hanover Shoal B 2.

Relocate Hat Island B 10 (LLNR 21850) to position 45-05.28N, 087-19.46W. Change buoy to an isolated danger mark and rename as Hat Island

South Shoal B "HI".

Change the flash characteristic of Chambers Island West Shoal Lighted Bell Buoy 3 (LLNR 21900) from Fl G 4s to Fl G 2.5s.

LAKE MICHIGAN - WI - Big Bay De Noc - Chart 14908

Disestablish Fairport Five-Foot Shoal B 2 (LLNR 21585).

LAKE MICHIGAN - WI - Little Bay De Noc - Chart 14915

Replace Little Bay De Noc LB 8A (LLNR 21630) with a winter mark from 28 Nov to 05 May, and renumber to LB 8.

Renumber Squaw Pt LB 10A (LLNR 21690) to LB 12.

Renumber Saunders Pt B 11 (LLNR 21730) to B 13.

Renumber Saunders Pt Shoal Inside B 7 (LLNR 21740) to B 15.

LAKE MICHIGAN - WI - Upper Green Bay - Chart 14909

Establish a 5NI buoy to mark best water at Jackson Harbor (LLNR 21768). This buoy will replace the red stake that currently marks shoal water. [27/96]

LAKE MICHIGAN - IL - Chicago Harbor - Chart 14927

Increase the nominal range of Chicago Harbor Entrance South Side Light (LLNR 19985) from 8 statute miles to 16 statute miles. [37/96]

GREEN BAY - WI - Green Bay Harbor Entrance Channel - Chart 14918

Change the characteristics of Green Bay Harbor Entrance Light (LLNR 22130) from Oc R 4s to FI R 5s and solarize.

Reduce the range of the fog signal from
½ to ¼ SM. [09/96]

Questions regarding these advance notices should be directed to LTJG Corey A. Henige, Ninth Coast Guard District (oan), 1240 East Ninth Street, Cleveland,

OH 44199-2060. (216) 522 3992.

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OH 44199-2060. (216) 522 3992.

VI. PROPOSED CHANGES IN AIDS TO NAVIGATION

Periodically the Coast Guard evaluates the system of Aids to Navigation to determine whether the conditions for which the aids to navigation were

established have changed. When changes occur, the feasibility of improving, relocating, replacing, or discontinuing the aid is considered. In this regard

the Coast Guard is evaluating changes in aids to navigation as noted below. Comments are requested, and should be addressed to LTJG Henige, Ninth

Coast Guard District (oan). All comments submitted should include the following information: (A) Quantity, type, capacity and value of vessels involved,

and the extent that these vessels traverse the area under consideration seasonally, by day and by night, (B) Where practical, the type of navigation

devices, such as compasses, radio direction finder, radar, LORAN and search lights with which such vessels are equipped, © The number of

passengers and the type, quantity, and value of cargo involved, and (D) A chart section or sketch showing the action proposed when necessary to clearly

describe the recommended improvement.

GENERAL - GREAT LAKES

Disestablish the following lights:

Thirtymile Point Light (LLNR 2395)

Dunkirk Light (LLNR 3410)

Port Sanilac Light (LLNR 10115)

Point Aux Barques Light (LLNR 10210)

Forty Mile Point Light (LLNR 11715)

Sturgeon Point Light (LLNR 11345)

St. Helena Light (LLNR 17720) [09/96]

ST. LAWRENCE RIVER - NY - St. Lawrence Seaway - Chart 14768

Change the characteristic of Tibbets Point Light (LLNR 1735) from Oc W10s to a FI W 15s.

Increase the nominal range from 16SM to 22SM. [09/96]

LAKE ERIE - PA - Erie Harbor - Chart 14835

Change the characteristic of Erie Harbor Pierhead Light (LLNR 3495) from Oc R 4s to FI R 2.5s and solarize aid.

[09/96]

LAKE ERIE - OH - Ashtabula Harbor - Chart 14836

Change the characteristic of Ashtabula Harbor Entrance Light 2 (LLNR 3760) from a F R to a FI R 2.5s and solarize aid. [09/96]

LAKE ST. CLAIR - MI - Lake St. Clair - Chart 14853
Establish a light structure to replace Lake St. Clair LB 30 (LLNR 8570).
[09/96]

LAKE HURON - MI - Lake Huron Cut - Chart 14862
Increase the nominal range of Lake Huron Cut Light 7 (LLNR 10065) from 6SM to 13SM.
[09/96]

LAKE HURON - MI - Lexington Harbor - Chart 14862
Increase the nominal range of Lexington Harbor East Breakwater Light 2 (LLNR 10095) from 5SM to 8SM.
[09/96]

LAKE HURON - MI - Au Gres Harbor - Chart 14863
Increase the nominal range of Au Gres Harbor South Pierhead Light 3 (LLNR 11160) from 6SM to 8SM.
[09/96]

LAKE SUPERIOR - MI - Marquette Harbor - Chart 14970
Change the characteristic of Marquette Light (LLNR 14630) from FI W 10s to FI W 6s.
[09/96]

LAKE SUPERIOR - MN - Superior Harbor Chart 14975
Change the nominal range of Superior Harbor South Breakwater Light (LLNR 15595) from 22NM to 18NM. [11/95]

LAKE MICHIGAN - IL - Chicago Harbor - Chart 14927
Increase the nominal range of Chicago Harbor Entrance South Side Light (LLNR 19985) from 8 statute miles to 16 statute miles. [37/96]

Questions regarding these advance notices should be directed to LTJG Corey A. Henige, Ninth Coast Guard District (oan), 1240 East Ninth Street, Cleveland, OH 44199-2060. (216) 522 3992.

VII. GENERAL NOTICES

GENERAL

The following is a general listing of waterways where various bridge projects are in progress or will be performed during the 1997 navigational season:

Waterways

Chicago River - Main, North Branch & South Branch
Chicago Sanitary & Ship Canal
Fox River, Wisconsin
Indiana Harbor Ship Canal, Indiana
Kinnickinnic River, Wisconsin
Manitowoc River, Wisconsin
Menominee River, Wisconsin
Milwaukee River, Wisconsin
New York Barge Canal, New York
Root River, Wisconsin
St. Clair River/Lake Huron
Sheboygan River, Wisconsin

As projects develop, advisements will be made. If restrictions are necessary they will be authorized by the Coast Guard only after it has been established that

the requested closure period will minimally impact navigation. In addition, bridge closures during special events will be listed once a closure is authorized.

The listed closure period may be well in advance of the actual closure date, therefore, it is suggested that you list these closures in the vessel's log or on a

calendar. [01/97]

LAKE ERIE - PA - Erie Harbor - Dredging, Chart 14835

Durocher Dock and Dredge, Inc. will be conducting dredging operations in the East Canal Basin, Erie Harbor, Erie, PA from March 10, 1997 until September

30, 1997. Operations will be 24 hours/7 days/wk. The tug MEAGHAN BETH may be contacted on VHF FM 16 and 18. Tug and barges will be towing to and

from disposal sites at the Confined Disposal Facility and the Open Lake dumping ground. [01/97]

LAKE ERIE - OH - Portage River, Winter Bridge Operating Schedules, Chart 14842

The Conrail bridge at mile 1.5 over Portage River in Port Clinton, OH will operate as follows for the winter navigation season: November 1, 1996 to April 15,

1997 Open with 24 hours advance notice. April 15, 1997 to April 30, 1997 Open with 3 hours advance notice. Advance notice may be provided by calling

(313) 323-5806. [34/96]

LAKE ERIE - OH - Maumee River, Winter Bridge Operating Schedules, Chart 14847

The Conrail bridge at mile 5.76 over the Maumee River will be unattended and closed to navigation between 01 January and 01 April 1997. The bridge will

open with a 12-hour advance notice for vessels wishing to transit the draw during this period. Advance notice may be provided by calling (313) 323-5806.

[34/96]

LAKE ERIE - OH - Toledo Harbor, Bridge maintenance, Chart 14847

The Craig Memorial (I-280) bridge, mile 3.30 over Maumee River, will be undergoing rehabilitation throughout the 1997 navigation season. Working hours will

be 0700-1800, Monday thru Friday. Mariners must provide a 12-hour advance notice for requests to open the draw from April 1 to May 1, 1997 while bridge

decking is removed. Bridge fender work will commence later in the summer requiring a work barge in the channel. Future notice to mariners will be provided

as the work progresses. Advance notice is provided by calling Doug Raby at (419) 476-5617 during work hours, or (419) 599-1014 at home. [01/97]

DETROIT RIVER - MI - Trenton Channel, Bridge repairs, Chart 14854

The Grosse Ile Toll bridge, mile 2.2 over Trenton Channel, will be secured to masthead navigation from March 24 to April 4, 1997 for repairs. [01/97]

ST. CLAIR RIVER - MI - Port Huron - Black River, Winter Bridge Operating Schedule, Chart 14865

The Grand Trunk Western Railroad bridge, mile 1.56 over the Black River in Port Huron, MI, will be unattended between 01 December 1996 and 31 March

1997. The bridge will open if at least a 24-hour advance notice is provided by vessels wishing to transit the draw. Advance notice may be provided by calling

(804) 989-4277. [33/96]

LAKE HURON - MI - Cheboygan Harbor - Dredging - Chart 14826

Durocher Dock & Dredge, Inc. has been conducting dredging and bulkhead construction in the Cheboygan Harbor, Michigan from March 10, 1997 until April

30, 1997. Hours of operation will be 0700 to 1900, 7 days a week. The Tugs NANCY ANNE will be monitoring VHF-FM channels 13,16, and 18. Tug and

barges will be partially blocking river at location of street ends, (west side) and Second Street, (east side) of Cheboygan River. See enclosure (4) for exact

position. Mariners transiting this area are urged to use caution. [01/97]

LAKE HURON - Round Island Passage, MI - Chart 14881

Due to the large breakwater entrance to Mackinac Island Harbor, commercial vessels using Round Island Passage should be aware of the possible dangers

their wakes may cause in the harbor, and adjust their speed accordingly. In addition, the area is especially prone to fog in the spring, and small vessels

transiting to and from this harbor may not be detectable by radar.

[01/97]

ST. MARYS RIVER - MI - Davis and Sabin Locks - Winter Bridge Operating Schedule - Chart 14884

The Wisconsin Central Railroad bridge over Davis and Sabin Locks in Sault Ste. Marie, MI will be unattended from December 12, 1996 until April 2, 1997. The

bridge will open if a 12-hour advance notice is provided for requests to open the draw during this period. Notice may be provided by calling (906) 635-4275,

0800 to 1630, (906) 248-5300, after 1630 and weekends, or (715) 345-2464. [39/96]

LAKE SUPERIOR - MI - Keweenaw Waterway, Bridge Rehabilitation, Chart 14972

The Houghton-Hancock (U.S. Route 41) Lift bridge at mile 16.0 over the Keweenaw Waterway will be secured until April 16, 1997 for rehabilitation. [01/97]

LAKE MICHIGAN - MI - Manistique - Vessel adrift, Chart 14902

The 14ft F/V SUPERSNAPPER, white hull and blue stripe is stuck in an ice flow and adrift. Last known position was 42-40N 86-14.5W.

[01/97]

LAKE MICHIGAN - MI - Charlevoix Harbor - Winter Bridge Operating Schedule - Chart 14942

The U.S. Route 31 bridge over the Pine River in Charlevoix, MI will be unmanned and open only with a 12-hour advance notice from 15 December 1996 to 31

March 1997. Advance notice may be provided by calling the Chief Operator at (616) 547-9610 or pager (616) 230-4621, Charlevoix Police Dept. (616)547-

3255, or Kalkaska Maintenance Garage (616) 258-5611. [37/96]

LAKE MICHIGAN - MI - St. Joseph Harbor, Bridge closure for Special Event, Chart 14930

The Bicentennial bridge at mile 1.3 over the St. Joseph River will be closed to masthead navigation between 0900 and 1700 on May 3, 1997 for the Twin City

Grand Floral Parade. [01/97]

LAKE MICHIGAN - IN - Michigan City, Bridge operating schedule, Chart 14926

The Franklin Street bridge, mile 0.5 over Trail Creek, will open as follows for recreational vessels throughout the 1997 boating season: between 0615 and

2315, daily, the bridge need open only from 3 minutes before to 3 minutes after the quarter-hour and three-quarter hour. The bridge will open on signal for

commercial vessels, public vessels, vessels in distress, and during severe weather for recreational vessels. [01/97]

LAKE MICHIGAN - IL - Chicago River - Bridge Maintenance and Clearance Reduction - Chart 14848

Maintenance on the Sag Highway (Route 83) bridge, mile 23.2 over the Chicago Sanitary and Ship Canal, will require supports be placed on the underside of

the bridge that will reduce the vertical clearance from 39 feet to 37 feet along the entire length of the bridge. This work is scheduled for completion in May of

1998. [36/96]

LAKE MICHIGAN - IL - Chicago Harbor - Bridge Maintenance - Chart 14928

The following City of Chicago bridges over the Chicago River will have maintenance work performed and various restrictions between 29 November and

March 31:

Ohio Street	North Branch	MM 2.09	Work on one leaf at a time.
Congress Street	South Branch	MM 2.35	Full closure thru March. Work barges in place, will be moved at night.
Washington Street	South Branch	MM 1.81	Work on one leaf at a time.
Wells Street	Main Branch	MM 1.37	Work continues on south leaf.

[37/96]

LAKE MICHIGAN - IL - Chicago Harbor

- Lock Closures, Chart 14927

There will be occasional closures at the Chicago Harbor Lock, causing possible delays of up to 12 hours for continued construction of the lock bulkhead slots

and sills until April 25, 1997. In addition, a sixty foot (60') width restriction is in effect during this period to allow the contractors use of temporary cofferdams

which are located at both the east and west sector gates. The cofferdams extend ten feet (10') into the lock chamber, and may be located on both the north

and south walls. Vessels entering the lock are advised to confirm exact location and conditions of the cofferdams by contacting the lock operator initially on

marine radio channel 16 (156.8 MHz) for instructions before transiting the lock. From March 3, 1997 to March 28, 1997 at 1800 a total lock closure will be in

effect. During this period the Chicago district will conduct a test dewatering of the west lock gates. From November 17, 1997 to April 14, 1998 another total

closure will be in effect for phase II (2) of the lock repairs. During this period the west lock gates will be repaired. The latest closure information will be

provided via a recorded message on the new Chicago Harbor Lock construction information line (312) 353-6400.

[01/97]

LAKE MICHIGAN - IL - Chicago Harbor, Bridge Closings for Special Events, Chart 14927

The City of Chicago Special Event schedule for 1997 is included in this Local Notice to Mariners as enclosure (5). See this list for dates, times, and bridges

affected during special events. [01/97]

LAKE MICHIGAN - IL - Chicago River, Bridge Rehabilitation, Chart 14927

The rehabilitation of Cermak Road bridge, mile 4.05 over the South Branch of the Chicago River, will commence April 1, 1997 and continue until approximately

May 1998. Work will be done Monday thru Saturday, 0700-1530. Both leafs will be dismantled between 01 April and June 1, 1997. One leaf will be in the

open position at all times with approximately 50-70 feet of horizontal clearance at any time. Mariners may have up to 100 feet of clearance by providing a 1-

hour advance notice to raise the other leaf. Advance notice may be provided by calling the Thatcher Engineering Corp. barge on VHF-FM channel 16, or Mr.

Van Sutphen at work (312) 805-7335, or home (630) 910-1045. Work barges will be in the water during cofferdam work and reconstruction from June 1 to

approximately September, 1997 with about 100 feet of clearance. [01/97]

LAKE MICHIGAN - IL - Illinois River - Sunk barge, Chart 14926

The barge reported sunk at MM 199.3 on the Illinois River remains missing. All traffic is advised to use caution when transiting this area.

[01/97]

LAKE MICHIGAN - IL - Illinois River - Temp Light, Chart 14926

The U. S. Geological Survey has temporarily established a steel H-pile approximately 900ft downstream of the Thomas J. O'Brien Lock and Dam. This H-pile

is approximately 80ft

from the left bank. This H-pile is marked by a white flashing four second (FI W 4s) light. Approximately 10ft of the 45ft pile is out of the

water. [01/97]

LAKE MICHIGAN - IL - Calumet River - Bridge Maintenance, Chart 927

Continued maintenance work on the 106th Street Bridge, mile 1.78 over the Calumet River, will require mariners to provide a one-hour advance notice for

requests to open the bridge from March 15 to March 30, 1997, Monday through Friday, between the hours of 0700 and 1530. Both leaves will be secured in

the open position during work hours.

[01/97]

LAKE MICHIGAN - IL - Calumet River - Bridge Maintenance, Chart 927

Rehabilitation on the Ashland Avenue Bridge, mile 13.98 over the Calumet-Sag Channel, will continue until approximately August 31, 1997. Crews will be

working Monday through Saturday from 0700 to 1730.

[01/97]

LAKE MICHIGAN - IL - Calumet Harbor, Bridge Rehabilitation, Chart 14929

Work on the 106th Street bridge at mile 1.78 over the Calumet River will require mariners to provide a 1-hour advance notice prior to passage during work

hours, 0700 to 1530, from March 15 to May 30, 1997. The advance notice is necessary to clear the channel of work barges. Both leafs will be secured in the

open position during non-working hours. [01/97]

LAKE MICHIGAN - IL - Calumet-Sag Channel, Bridge Maintenance, Chart 14929

Maintenance and repairs have begun on Ashland Ave. bridge, mile 13.98 over Calumet-Sag Channel, and will continue through 31 August 1997. [01/97]

LAKE MICHIGAN - WI - Milwaukee Harbor, Bridge closures for Special Events, Chart 14924

Various special events throughout the summer of 1997 will affect selected City of Milwaukee bridges as follows:

RIVERSPLASH June 6 and 7, between 2130 and 2330, the Kilbourn Ave. bridge, mile 1.70, State Street bridge, mile 1.79, Juneau Ave. bridge, mile 2.06, and Cherry St. bridge, mile 2.29, all over Milwaukee River, will be secured to all vessel traffic.

SUMMERFEST Broadway St., mile 0.79 and Water St., mile 0.94:

June 26 (Rain date June 27) and July 3 (Rain date July 4), bridges will be secured to ALL vessel traffic between 2200 and 0100.

June 27 through July 2, and from July 4 through July 6, bridges will be secured to all recreational traffic between 2300 and 0100 daily. **CIRCUS IN THE** July 12 (Rain date July 13), Broadway St. and Water St. bridges **SKY FIREWORKS** will be secured to recreational traffic. Commercial vessels, emergency vessels, and vessels carrying more than 50 passengers will be passed through.

CIRCUS PARADE July 13, between 1100 and 1800. St. Paul Ave., Clybourn St.,

Michigan St., Wisconsin Ave., and State St. bridges, all over Milwaukee River, will be secured to ALL vessel traffic.

FESTA ITALIANA July 17 through July 20, Broadway St. and Water St. bridges

will be secured to recreational traffic between 2200 and 2400. [01/97]

LAKE MICHIGAN - WI - Milwaukee Harbor - Winter Bridge Operating Schedule - Chart 14924

In accordance with the provisions of 33 CFR 117.45, the City of Milwaukee has requested and received permission to operate city owned bridges with roving

bridgetenders and a 12 hour advance notice for vessels desiring openings between November 24, 1996 and April 26, 1997. This requirement will not apply

to vessels that operate daily on the Menominee River during the winter. Advance notice may be provided by calling the Bridge Operator Lead Worker at

(414) 286-2575, or VHF-FM channel 16 (call sign KW 4448). [28/96]

LAKE MICHIGAN - WI - Milwaukee - Bridge Maintenance, Chart 14924

The Wells Street Bridge, MM 1.61, and the Pleasant Street Bridge, MM 2.58 over the Milwaukee River, will be secured to marine traffic until April 11, 1997 for maintenance.

[01/97]

LAKE MICHIGAN - WI - Sturgeon Bay Ship Canal, Bridge Operating Regulations, Chart 14919

The Coast Guard has issued new regulations governing the operations of the Michigan Street bridge at mile 4.3 over the Sturgeon Bay Ship Canal. An Interim

Rule with request for comments was published in the Federal Register on February 14, 1997 changing the regulations contained in 33 CFR Part 117.1101.

The regulations go into effect on March 17, 1997. Comments regarding this regulation may be submitted until April 15, 1997. A copy of the Interim Rule has

been included in this Local Notice Mariners as enclosure (6) [01/97]

LAKE MICHIGAN - WI - Green Bay, Bridge automation, Chart 14918

The Wisconsin Central bridge at mile 1.03 over the Fox River in Green Bay, WI will not be manned by tenders in 1997. The bridge has been automated and

will be open to navigation except when a train is crossing. Mariners may contact the railroad yardmaster at (414) 436-5903, 24 hours a day, 7 days a week.

[01/97]

LAKE MICHIGAN - WI - Fox River, Bridge construction, Chart 14918

Removal of the Old Main Street Bridge over the Fox River, mile 1.58, Green Bay, Wisconsin was completed on 22 February 1997. Contractor has begun

dredging of the waterway and will continue through 30 March 1997. Updated Notice to Mariners will be issued as the status of the bridge construction

changes. [01/97]

GREEN BAY - WI - Fox River - Bridge Maintenance, Chart 14916

The Main Street Bridge at MM 1.58 and the Walnut Street Bridge at MM 1.81 over the Fox River will open for marine traffic only with a 12 hour advance notice

until April 1, 1997. Advance notice can be provided by calling (414) 492-3731 or (414) 492-3735.

[01/97]

GREAT LAKES - GENERAL - MARINE EVENTS

Events listed below are events that do not have accompanying special local regulations. Mariners transiting these areas are not required to contact

U.S. Coast Guard, but are asked to exercise caution when navigating through the area of the event.

Location Events Dates Time (Local)

None.

SUMMARY OF DREDGING/CONSTRUCTION OPERATIONS STILL IN EFFECT

The LNM column is where the entry originally appeared and where detailed information may be obtained. The dates listed for completion are

tentative.

Location	LNM	Subject	Hours / Days	Until	
LAKE ERIE					
Erie Harbor - East Basin, PA		01/97	DREDGING	24HRS/7 DAYS A WEEK	31 AUG
97					
Toledo Harbor, OH		01/97	BRIDGE MAINTENANCE	0700-1800/MON-FRI	31 DEC
97					

DETROIT RIVER

Grosse Ile Toll Bridge, MI		01/97	BRIDGE MAINTENANCE	24HRS/7 DAYS A
WEEK 04 APR 97				

LAKE HURON

Cheboygan, MI 01/97 DREDGING 0700-1900/7 DAYS A WEEK 30 APR 97

LAKE MICHIGAN

SAG Hwy, Chicago, IL 36/96 BRIDGE MAINTENANCE 31 MAY 98
 Calumet, IL 01/97 BRIDGE MAINTENANCE 0700-1530/MON-FRI 30 MAR 97
 Calumet, IL 01/97 BRIDGE MAINTENANCE 0700-1730/MON-SAT 31 AUG 97
 Milwaukee, WI 01/97 BRIDGE MAINTENANCE 24HRS/7 DAYS A WEEK 11 APR 97
 Fox River, WI 01/97 BRIDGE MAINTENANCE 24HRS/7 DAYS A WEEK 01 APR 97

VIII. LIGHT LIST CORRECTIONS, VOL VII, GREAT LAKES since 40/96 (* Denotes the column in which a correction has been made or new information added.)

(1) No.	(2) Name and location	(3) Remarks	(4) Position	(5) Characteristic	(6) Height	(7) Range	(8) Structure
5245	BAY POINT MARINA		41 30.6	Iso W 3s	10		On white post.
	Maintained from May 1						
	SOUTH LIGHT		82 43.5	3			to Nov. 15.
	Private aid.						
	*	*					
8445	- Lighted Buoy 7			Fl G 4s	4	01/97	Green. Replace* d by can from
Dec. 14							to Apr. 7.
01/97							
8565	- Lighted Buoy 29			Fl G 4s	4	Green.	Replace* d by can from
Dec. 14							to Apr. 7.
01/97							
10690	- OBSTRUCTION LIGHT A		43 40.3	Q W	21		On dolphin.
	Maintained from Apr. 15						
	83 49.9	6					to Dec. 15.
		*					Maintained by ACOE.
						01/97	
10695	- OBSTRUCTION LIGHT B			Q W	21		On dolphin.
	Maintained from Apr. 15						
		6					to Dec. 15.
		*					Maintained by ACOE
						01/97	
12620	Mackinac Bri* dge						
	RACON						Remove from list.
01/97							
14050	SIX MILE POINT RANGE			Iso W 6s	65		KRW on steel
skeleton							
	REAR LIGHT		20				tower.
2,824 feet, 153 from							front light.
		*					
	*					01/97	
22181	- RANGE FRONT PASSING			Fl Y 4s	45	4	On same structure as
	Above Range Front Light.						
	LIGHT		14				Range Front Light.

Rear Admiral, U. S. Coast Guard
Commander, Ninth Coast Guard District